

Claims

What is claimed is:

- 5 1. A personalized wireless portable control device comprising:
a transceiver for transmitting a wireless data signal and for receiving a wireless data signal including received data and for providing the received data;
a display for displaying data in a human readable form;
a processor for receiving the received data, for determining a plurality of available functions
10 each associated with an operator, and for providing a signal to the display based on the determined plurality of available functions;
a transducer for receiving selection data indicative of a function from the plurality of available functions selected by a user of the personalized wireless portable biometric security device and providing the selection data to the processor;
15 wherein the processor is for receiving the selection data and for providing to the transceiver for transmission therefrom data indicative of the function and the associated operator for actuating the function.

- 20 2. A personalized wireless portable control security device according to claim 1 comprising:
a contact imager including a platen disposed for accepting a biometric information source thereon, the contact imager for capturing an image of the biometric information source and for providing a first signal including biometric data in dependence thereon;
wherein the processor includes a processor for receiving the first signal, for processing the
25 biometric data, for comparing data derived from the biometric data with a stored template, and for, in dependence upon a comparison result associating biometric data with an individual identity or authorisation, and
wherein the send data includes data relating to the individual identity or authorisation.

- 30 3. A personalized wireless portable control device according to claim 2, wherein the contact imager is a fingerprint imager.

4. A personalized wireless portable control device according to claim 3, wherein the contact imager and the transducer are a same device and wherein the display is for displaying information for viewing on or through the contact imager platen.

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5. A personalized wireless portable control device according to claim 1 comprising: a contact imager including a platen disposed for accepting a biometric information source thereon, the contact imager for capturing an image of the biometric information source and for providing a first signal including biometric data in dependence thereon; and

10 wherein the send data includes the biometric data.

6. A personalized wireless portable control device according to claim 5, wherein the contact imager is a fingerprint imager.

15 7. A personalized wireless portable control device according to claim 6, wherein the contact imager and the transducer are a same device and wherein the display is for displaying information for viewing on or through the contact imager platen.

20 8. A personalized wireless portable control device according to claim 1, wherein the function is one of locking or unlocking and wherein the operator is a signal for actuating one of locking or unlocking a device.

25 9. A personalized wireless portable control device according to claim 1, wherein the function is reading data and wherein the operator is a signal for initiating data reading by a device.

10. A personalized wireless portable control device according to claim 1, wherein the function is one of enabling or disabling and wherein the operator is a signal for actuating one of enabling or disabling a device.

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11. A high security personalized wireless portable control device as defined in claim 1 comprising a selecting means for selecting data indicative of the function and the associated operator for actuating the function.

5 12. A high security personalized wireless portable control device as defined in claim 1 comprising a further means for confirming the selection of a data indicative of the function and the associated operator for actuating the function.

10 13. A high security personalized wireless portable control device as defined in claim 1 comprising a second further means for actuating the device.

14 15. A high security personalized wireless portable control device as defined in claim 13 comprising a power source.

15 16. A high security personalized wireless portable control device as defined in claim 1 housed in an ubiquitous pocket sized object.

20 17. A high security personalized wireless portable control device as defined in claim 1 comprising an on/off means for allowing at least one of activating and deactivating the portable biometric device.

25 18. A personalized wireless portable control system comprising:
a transceiver for transmitting a wireless data signal and for receiving a wireless data signal including received data;
a display for displaying data in a human readable form;
at least a processor for receiving the received data and for determining a plurality of available functions each associated with an operator, the processor for providing a signal to the display based on the determined plurality of available functions;
a transducer for receiving selection data indicative of a function from the plurality of available functions selected by a user of the personalized wireless portable biometric security device and providing the selection data to the processor;

wherein the processor is for receiving the selection data and for providing to the transceiver for transmission send data indicative of the function and the associated operator for actuating the function; and

an operator for performing at least a function and including a transceiver for receiving data

5 transmitted by the personalized wireless portable biometric security device.

18. A personalized wireless portable control system according to claim 15 comprising:

a contact imager including a platen disposed for accepting a biometric information source thereon, the contact imager for capturing an image of the biometric information source and for providing a first signal including biometric data in dependence thereon;

10 wherein the at least a processor includes a processor for receiving the first signal, for processing the biometric data, for comparing data derived from the biometric data with a stored template, and for, in dependence upon a comparison result associating biometric data

15 with an individual identity or authorisation, and

wherein the send data includes data relating to the individual identity or authorisation.

19. A personalized wireless portable control system according to claim 16, wherein the contact imager is a fingerprint imager.

20 20. A method for using a personalized wireless portable control system comprising the steps of:

transmitting a wireless data signal to a transceiver, receiving a wireless data signal including received data to the transceiver and for providing the received data;

25 displaying data in a human readable form on a display;

providing a processor for receiving the received data, for determining a plurality of available functions each associated with an operator, and for providing a signal to the display based on the determined plurality of available functions;

30 providing a transducer for receiving selection data indicative of a function from the plurality of available functions selected by a user of the personalized wireless portable biometric security device and providing the selection data to the processor;

wherein the step of providing the processor is for receiving the selection data and for providing to the transceiver for transmission therefrom data indicative of the function and the associated operator for actuating the function.

- 5 21. A method for using a personalized wireless portable control system according to claim 20 comprising the step of:

providing biometric information to a contact imager wherein the contact imager includes a platen disposed for accepting a biometric information source thereon, the contact imager for capturing an image of the biometric information source and for providing a first signal including biometric data in dependence thereon;

wherein the processor includes a processor for receiving the first signal, for processing the biometric data, for comparing data derived from the biometric data with a stored template, and for, in dependence upon a comparison result associating biometric data with an individual identity or authorisation, and

15 wherein the send data includes data relating to the individual identity or authorisation.

22. A method for using a personalized wireless portable control system according to claim 21 wherein the step of providing biometric information comprises the step of providing fingerprint to the contact imager wherein the contact imager is a fingerprint

20 imager.

23. A method for using a personalized wireless portable biometric device according to claim 21 wherein the step of determining a plurality of available functions each associated with an operator comprises the function of locking or unlocking wherein the operator is a signal for actuating one of locking or unlocking a device.

24. A method for using a personalized wireless portable control system according to claim 21 wherein the step of determining a plurality of available functions each associated with an operator comprises the function of reading data wherein the operator is 30 a signal for initiating data reading by a device.

25. A method for using a personalized wireless portable control system according to claim 21 wherein the step of determining a plurality of available functions each associated with an operator comprises the function of enabling or disabling wherein the operator is a signal for actuating one of enabling or disabling a device.

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